

EMISSION LIMITS, WORK PRACTICE STANDARDS, EMISSION REDUCTION MEASURES, AND MANAGEMENT PRACTICES

(NCDAQ Summary 1-27-15 / §63.11200-11201 / See also Tables 1-3 in Subpart JJJJJ):

Source Category	Fuel Category	Heat Input MMBtu/hr	Emission Limits (EL)			Work Practice Standard Boiler tune-up every 2 or 5 yrs**	Work Practice Standard Energy Assessment (EA)	Work Practice Standard (MSS) Minimize startup/shutdown periods/mfg	Compliance Date	Initial Notification Due	Notification of Compliance Status Due
			PM lb/ MMBtu	Hg lb/ MMBtu	CO ppm						
All (coal/oil/biomass) fuel-fired boilers, except any gaseous fuel-fired boilers		< 10	None			Yes	No	No	Exist: 3/21/14 New: 5/20/11 or startup, whichever is later	Same as those below	Exist: 7/19/14 New:-120 days after startup
Any size, existing or new, <i>limited use</i>											
Existing	Coal	≥ 10	None	2.2E-5	420 @3% O ₂	No	One time energy assessment (EA)	Yes	3/21/14 MSS/EA/EL	<u>Existing Sources:</u> 01/20/14	7/19/14 for MSS/EA and 60 days after stack test
	Biomass			None	None	Yes		No	3/21/14 TU/EA		7/19/14 for TU//EA
	Oil										
	Seasonal (oil or biomass)										
New	Coal	≥ 10 < 30	0.42	2.2E-5	420 @3% O ₂	No	No	Yes	5/20/11 or startup, whichever is later	<u>New Sources:</u> Within 120 days after startup or 09/17/11, whichever is later	120 days after startup for TU/MSS and 60 days after stack test
		≥ 30	0.03			No					
	Biomass	≥ 10 < 30	0.07	None	None	Yes					
		≥ 30	0.03								
	Oil	≥ 10 < 30	0.03*								
		≥ 30	0.03*								
	Seasonal (oil or biomass)	≥ 10	None								

*Can demonstrate compliance with PM limit by combusting only oil that contains no more than 0.50 weight percent sulfur.

**Existing :≤5MMBtu oil fired boilers, seasonal biomass and oil fired boilers, limited use boilers and boilers with oxygen trim systems perform tune-up by 3/21/14 then every five years; New/recon: No initial tune-up required for new sources. ≤5MMBtu oil fired boilers, seasonal biomass and oil fired boilers, limited use boilers and boilers with oxygen trim systems tune-up every five years after startup.

- See Table 3 in the rule for “operating limits for boilers with emission limits” (for add-on controls, fuel analysis, stack testing, continuous O₂ monitor - required for CO standards).

Can demonstrate compliance with the mercury limits by fuel sampling.

- Stack Testing: New sources by 9/17/11 (180 days after March 21, 2011), or within 180 days of startup, whichever is later. Existing sources: within 180 days of the compliance date.